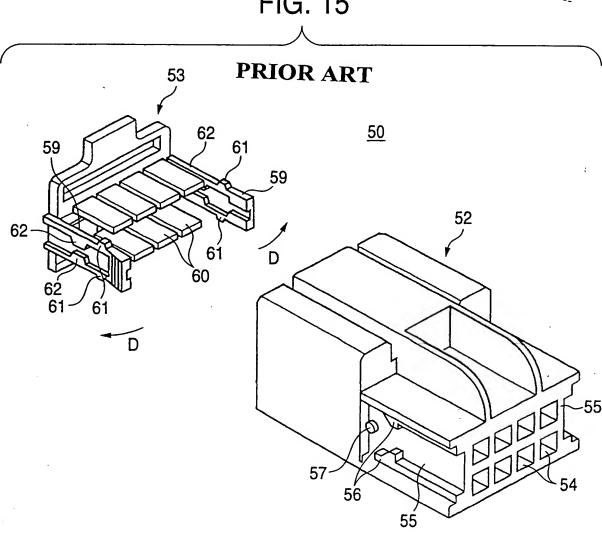


U.S. Patent Application S.N.: 10/628,328 Inventor: Toshiharu TAKAHASHI, et al. Filed: July 29, 2003

Confirmation No.: 6114
Group Art Unit: 2833
Examiner: Renee S. Luebke Replacement Sheet

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FIG. 15



U.S. Patent Application S.N.: 10/628,328 Inventor: Toshiharu TAKAHASHI, et al.

Filed: July 29, 2003 Confirmation No.: 6114 Group Art Unit: 2833 Examiner: Renee S. Luebke

Replacement Sheet

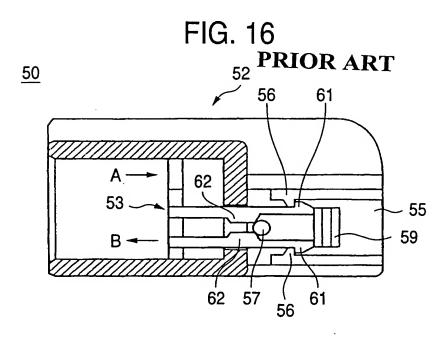


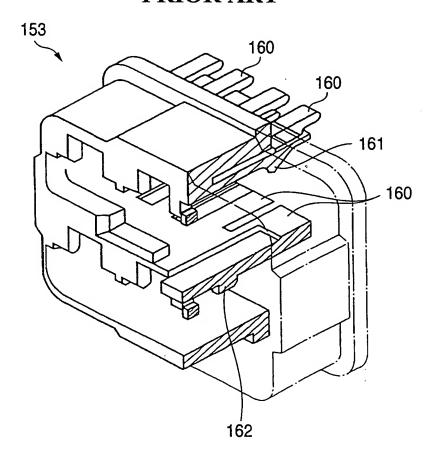
FIG. 17
PRIOR ART

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U.S. Patent Application S.N.: 10/628,328 Inventor: Toshiharu TAKAHASHI, et al. Filed: July 29, 2003 Confirmation No.: 6114 Group Art Unit: 2833 Examiner: Renee S. Luebke

Replacement Sheet

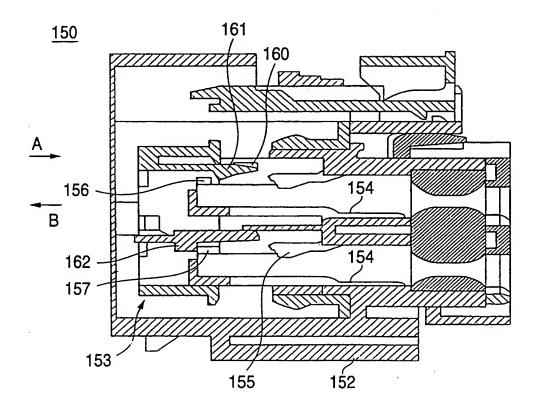
## FIG. 18 PRIOR ART



U.S. Patent Application S.N.: 10/628,328 Inventor: Toshiharu TAKAHASHI, et al. Filed: July 29, 2003 Confirmation No.: 6114

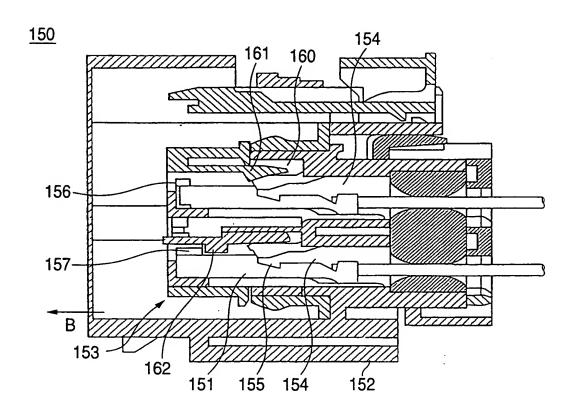
Filed: July 29, 2003 Confirmation No.: 6114 Group Art Unit: 2833 Examiner: Renee S. Luebke Replacement Sheet

## FIG. 19 PRIOR ART



U.S. Patent Application S.N.: 10/628,328 Inventor: Toshiharu TAKAHASHI, et al. Filed; July 29, 2003 Confirmation No.: 6114 Group Art Unit: 2833 Examiner: Renee S. Luebke Replacement Sheet

## FIG. 20 PRIOR ART



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